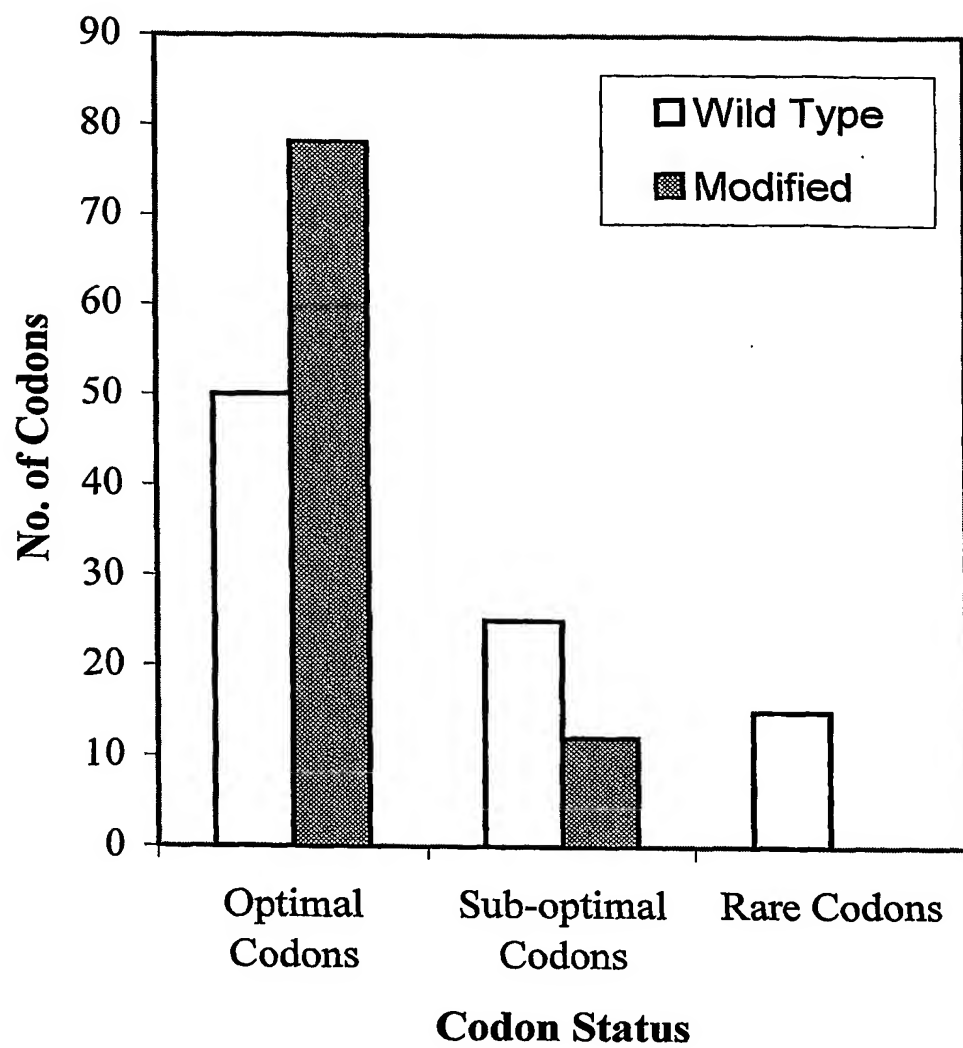


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**Figure 1**

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ATG AAA AAA GCA GTC ~~ATT AAG~~ GGG GAA CAA ATC AGA AGT ATC AGC GAC
CTC CAC CAG ACA TTG AAA AAG GAG CTT GCC CTT CCG GAA TAC TAC GGT
GAA AAC CTG GAC GCT TTA TGG GAT TGT ~~CTG ACC~~ GGA TGG GTC GAG TAC
CCG CTC GTT TTG GAA TGG AGG CAG TTT GAA CAA AGC AAG CAG ~~GTG AGT~~
GAA AAT GGC GCC GAG AGT GTG ~~CTT CAG GTT~~ TTC CGT GAA GCG AAA GCG
GAA GGC TGC GAC ATC ACC ATC ATA CTT TCT TAA

Figure 2A

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M K K A V I N G E Q I R S I S D
L H Q T L K K E L A L P E Y Y G
E N L D A L W D C L T G W V E Y
P L V L E W R Q F E Q S K Q L T
E N G A E S V L Q V F R E A K A
E G C D I T I I L S ***

Figure 2B

ATG AAG AAG GCT GTG ATC AAT GGA GAA CAA ATC AGA TCT ATC TCA GAC
CTT CAT CAA ACT TTG AAG AAG GAG CTT GCT CTT CCT GAG TAC TAT GGT
GAG AAC TTG GAC GCT TTG TGG GAT TGT CTT ACT GGA TGG GTT GAG TAC
CCT CTT GTT TTG GAA TGG AGG CAA TTC GAG CAA TCT AAG CAA CTT ACT
GAG AAT GGA GCT GAG AGC GTT CTT CAA GTG TTT AGA GAA GCT AAG GCT
GAA GGA TGT GAC ATC ACT ATC ATT CTT TCT TAA

Figure 3A

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M K K A V I N G E Q I R S I S D
L H Q T L K K E L A L P E Y Y G
E N L D A L W D C L T G W V E Y
P L V L E W R Q F E Q S K Q L T
E N G A E S V L Q V F R E A K A
E G C D I T I I L S ***

Figure 3B

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1 Met Lys Lys Ala Val Ile Asn Gly Glu Gln Ile Arg Ser Ile Ser Asp
 wt 1 ATG AAA AAA GCA GTC ATT AAC GGG GAA CAA ATC AGA AGT ATC AGC GAC
 mod ATG AAG AAG GCT GTG ATC AAT GGA GAA CAA ATC AGA TCT ATC TCA GAC

17 Leu His Gln Thr Leu Lys Lys Glu Leu Ala Leu Pro Glu Tyr Tyr Gly
 wt 49 CTC CAC CAG ACA TTG AAA AAG GAG CTT GCC CTT CCG GAA TAC TAC GGT
 mod CTT CAT CAA ACT TTG AAG AAG GAG CTT GCT CTT CCT GAG TAC TAT GGT

33 Glu Asn Leu Asp Ala Leu Trp Asp Cys Leu Thr Gly Trp Val Glu Tyr
 wt 97 GAA AAC CTG GAC GCT TTA TGG GAT TGT CTG ACC GGA TGG GTC GAG TAC
 mod GAG AAC TTG GAC GCT TTG TGG GAT TGT CTT ACT GGA TGG GTT GAG TAC

49 Pro Leu Val Leu Glu Trp Arg Gln Phe Glu Gln Ser Lys Gln Leu Thr
 wt 145 CCG CTC GTT TTG GAA TGG AGG CAG TTT GAA CAA AGC AAG CAG CTG ACT
 mod CCT CTT GTT TTG GAA TGG AGG CAA TTC GAG CAA TCT AAG CAA CTT ACT

65 Glu Asn Gly Ala Glu Ser Val Leu Gln Val Phe Arg Glu Ala Lys Ala
 wt 193 GAA AAT GGC GCC GAG AGT GTG CTT CAG G GTT TTC CGT GAA GCG AAA GCG
 mod GAG AAT GGA GCT GAG AGC GTT CTT CAA GTG TTT AGA GAA GCT AAG GCT

81 Glu Gly Cys Asp Ile Thr Ile Ile Leu Ser ***
 wt 241 GAA GGC TGC GAC ATC ACC ATC ATA CTT TCT TAA
 mod GAA GGA TGT GAC ATC ACT ATC ATT CTT TCT TAA

Figure 4

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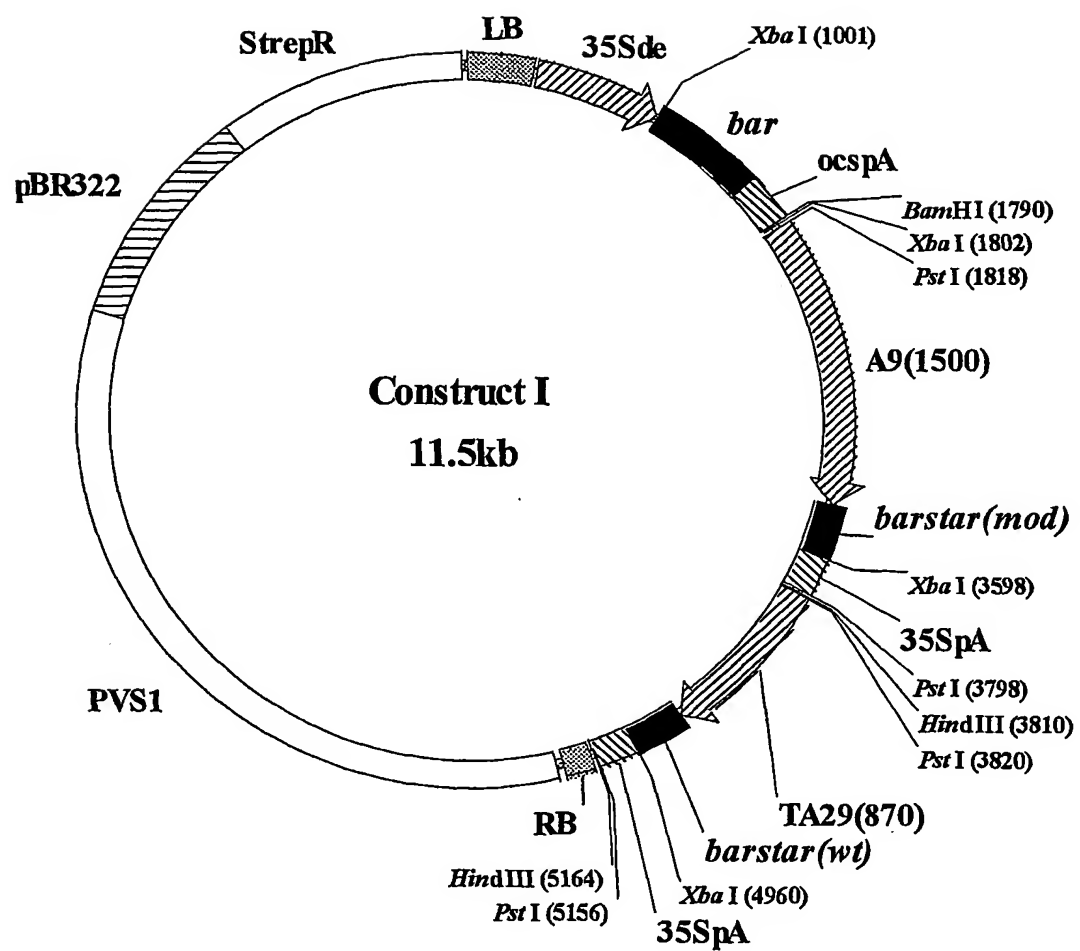


Figure 5

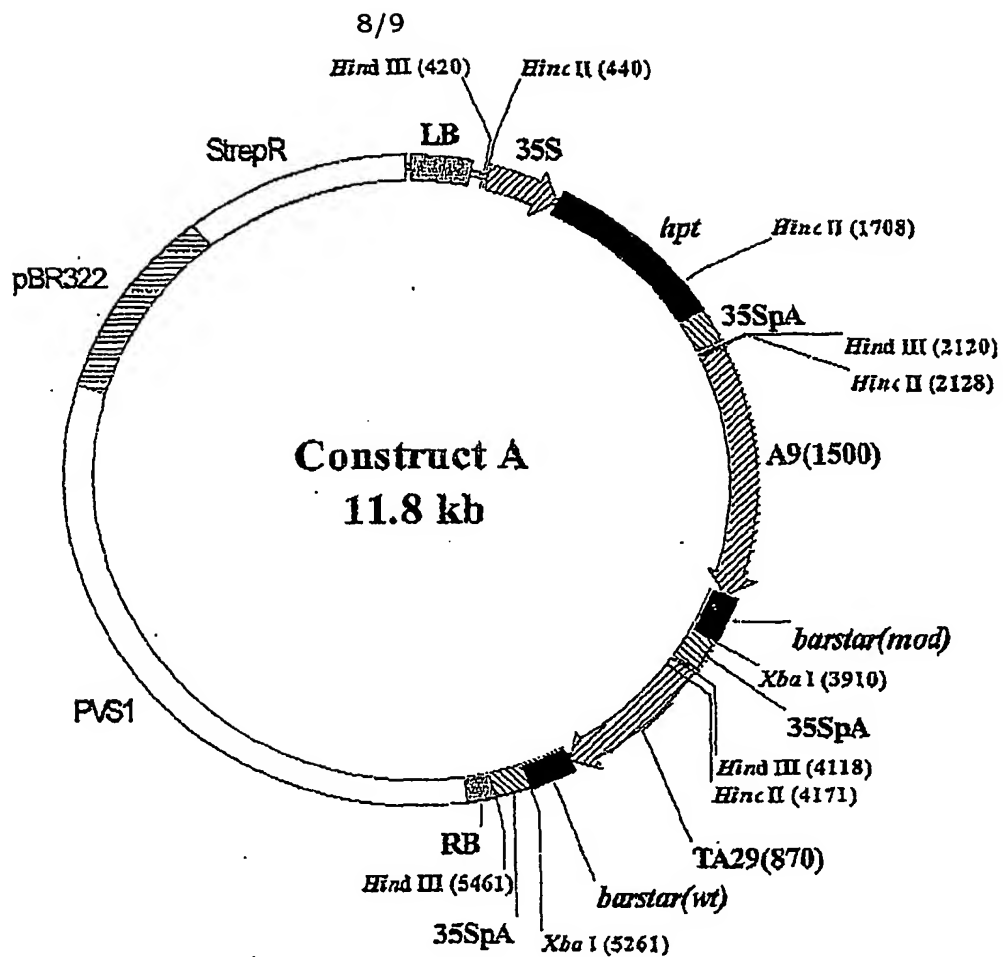
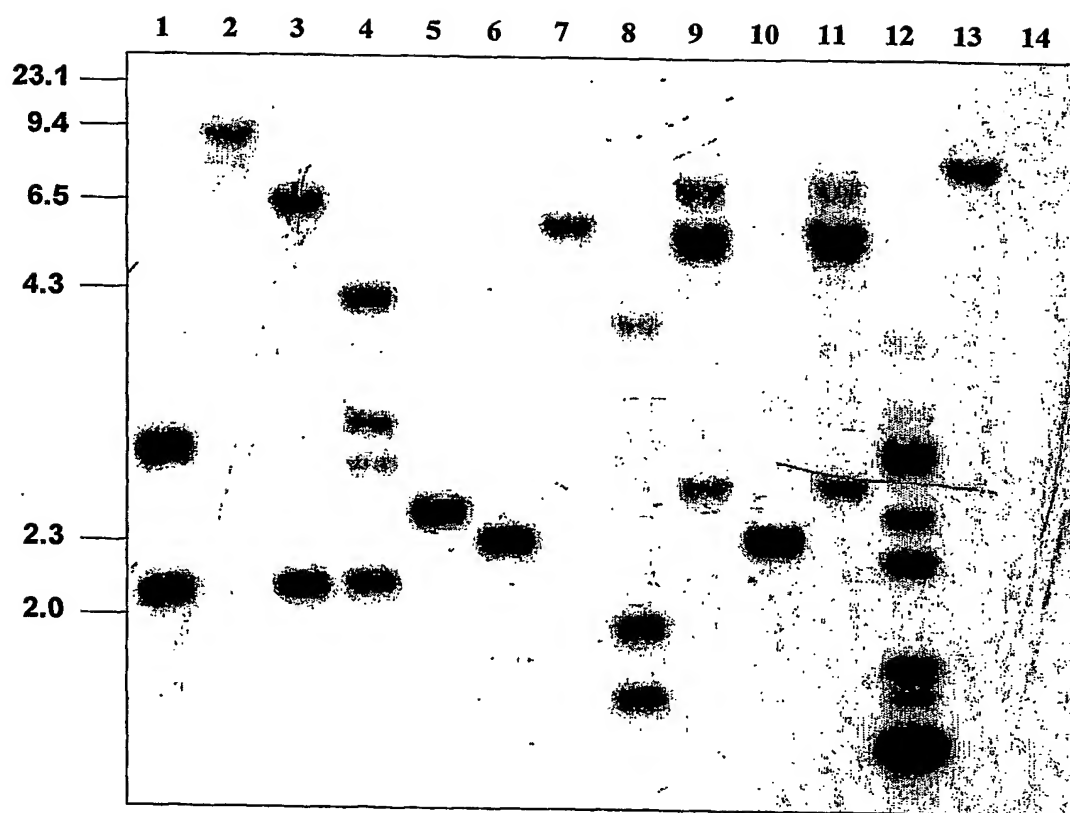


Figure 6

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**Figure 7**